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Date: Tue, 23 Apr 1996 20:38:59 -0500 (CDT)
Message-Id: <199604240138.UAA13977@uro.theporch.com>
Errors-To: ws4s@midtenn.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 167
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 167

Topics covered in this issue include:

- 1) 6K8 vs. 6SA7?
by mjsilva@ix.netcom.com (michael silva)
- 2) Pls need specs on Amperex 8643
by dgf@netcom.com (David Feldman)
- 3) 2 tube receiver
by herr@ridgecrest.ca.us (Michael Herr)
- 4) Re: 2 tube receiver
by rdkeys@csemail.cropsci.ncsu.edu
- 5) Sub Miniature Tubes FS
by dmedley@ix.netcom.com (David Medley)
- 6) Re: 2 tube receiver
by Stan Skelton <:sskelton@cln.etc.bc.ca>
- 7) My favorite regen
by Jeff Duntemann <jeffd@coriolis.com>

Date: Mon, 22 Apr 1996 22:05:48 -0700
From: mjsilva@ix.netcom.com (michael silva)
To: glowbugs@theporch.com
Subject: 6K8 vs. 6SA7?
Message-ID: <199604230505.WAA29145@dfw-ix9.ix.netcom.com>

Hi all,

I've noticed that schematics from the '40s seem to use the 6K8 a good

deal more often than the 6SA7 in the converter section (although the 6SK7 and 6SJ7 are used extensively). Can anybody talk about the pros and cons of the two tubes for a simple superhet? Thanks.

73,
Mike, KK6GM

Date: Tue, 23 Apr 1996 09:55:14 -0700
From: dgf@netcom.com (David Feldman)
To: glowbugs@theporch.com
Subject: Pls need specs on Amperex 8643
Message-ID: <199604231655.JAA12590@netcom9.netcom.com>

Hi I need to get a copy of a spec sheet on the Amperex 8643 tube (a dual tetrode like a 5894 but a bit bigger). If not a copy, would someone be so kind as to key in a few of the main characteristics (max voltages/currents, plate dissipation, etc...)

73 Dave WB0GAZ dgf@netcom.com

Date: Tue, 23 Apr 1996 10:32:11 -0700
From: herr@ridgecrest.ca.us (Michael Herr)
To: glowbugs@theporch.com
Subject: 2 tube receiver
Message-ID: <v01530501ada3b291d798@[199.120.150.50]>

Hello gang,

I'm looking for a good schematic for a 2 tube regen receiver using 3A4 tubes. Any out there. Also, Im realtively new to the list, is there any favorite regen designs for 80 / 40 / 30 meter qrp work?

Thanks es 73

Mike WA6ARA

Date: Tue, 23 Apr 1996 14:37:47 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
To: herr@ridgecrest.ca.us
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com
Subject: Re: 2 tube receiver
Message-ID: <9604231837.AA107735@csemail.cropsci.ncsu.edu>

>
> Hello gang,
> I'm looking for a good schematic for a 2 tube regen receiver using 3A4
> tubes. Any out there. Also, Im realtively new to the list, is there any
> favorite regen designs for 80 / 40 / 30 meter qrp work?
> Thanks es 73
> Mike WA6ARA

The best 2 tube regen receiver that I have seen is one in the ARRL
How to Become a Ham handouts from about 1960. It has a neat 2 tube
regen using a pair of 6AQ5's, all metal enclosed and trim and neat,
and could be readily adapted to most other pentode or tetrode tubes.

My expectation is that it would work quite well with 3A4's.

73/ZUT DE NA4G/Bob
rdkeys@csemail.cropsci.ncsu.edu

...else, just use a good tickler circuit with a throttle condenser.

Date: Tue, 23 Apr 1996 11:13:27 -0700
From: dmedley@ix.netcom.com (David Medley)
To: glowbugs@theporch.com
Subject: Sub Miniature Tubes FS
Message-ID: <199604231813.LAA11172@dfw-ix8.ix.netcom.com>

I have a box of 60+ sub miniature tubes with such numbers as 5783 6946 6247
etc. Most of them appear to be unused and 4 are NIB. These are all about 1
1/2" long and 3/8" diam with wire leads. Most have the Raytheon brand. Is
there any interest out there?
I have no idea what these were used for.
73 de Dave KI6QE

Date: Tue, 23 Apr 1996 12:55:44 -0700 (PDT)
From: Stan Skelton <sskelton@cln.etc.bc.ca>
To: Michael Herr <herr@ridgecrest.ca.us>
Cc: Multiple recipients of list <glowbugs@theporch.com>
Subject: Re: 2 tube receiver
Message-ID: <Pine.3.89.9604231227.A15366-01000000@sparky>

Hi Michael...here is a reposting of a list of plans out of CQ magazines from a few yrs ago...

Hi all...I promised a listing of "classic rigs" from CQ magazine... here are some...All of these articals contain complete schematics, and instructions....

DISCLAIMER...Some of these plans contain hazardous electrical currents!...Do NOT attempt to fool with 110v if you do not know what you are doing!

Feb, 1990 1934 Globe Trotter receiver 2, #30 tubes, 1.5v & 45v
Gill Classic Transmitter (Hartley) 1930's, 3v & 45v

Mar, 1989 Double M Special, 30's tx, 45,or 245 or 201a or uv199 tube
classic Tri-Tetter tx 1930's, #59 tube

June 1983 One tube 10 watt tx, 6BM8 tube (110 v transformer driven)

March 1990 John Ruskin Special, 6L6 tx, coil wound on nails in wood
Li'l Buddy tx, 955 tube, xtal controlled

January 93 PeeWee Special, 6A7 tube, tx, xtal controlled
1940's Superhet Receiver, 6K8 & 6C8G tubes
1930's push-pull osc. tx, 2, 245 tubes

Sep 95 Red Hot radios, 1S4 tx,
Red hot radios, 3A4 rx, matched pair

Jan 1985 One tube 40 m tx, 6F6 or 6K6 or 6V6 or 6L6 tube

June 1988 classic push-pull tx, 210 or T-20 tubes (2)

July 1992 Rush Box regen. rx, 6J5 & 6V6 & 955 tubes

Sep 1991 xtal Hartley tx 201A tube, 2 watts on 30 or 40 m
Transformerless Wonder, 117N7GT tube, BE CAREFULL
WITH THIS ONE, 110 VOLTS THROUGHOUT!!!!!!!!!!!!!!!!!!!!

Nov 1992 QRP Midget 2, 3S4's
Low Boy, 6L6 tx on a wood base
30's style Hartley tx, 201A tube
One tube oscillodyne rx, #27 tube

Oct 1994 Bare Essentials tx, 50C5 tube, WATCH THIS ONE ALSO
TRANSFORMERLESS 110V!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

TtFn....Stan VE7SKT QRP# 34,

Date: Tue, 23 Apr 1996 14:02:53 -0700
From: Jeff Duntemann <jeffd@coriolis.com>
To: glowbugs@theporch.com
Subject: My favorite regen
Message-ID: <199604232102.0AA26490@ns2.indirect.com>

The best regen I ever made used a 6SN7 followed by a 6V6 for the audio amp. The first triode section of the 6SN7 was the RF amp, and the second was the detector. Having an RF amp was remarkably nice; I could never hear it radiating, and it seemed far less "touchy" than most others I've built over the years. The 6V6 provided good headphone volume but wouldn't drive a speaker. I used it a lot for BC DXing back more years than I care to recall.

I believe it was from *Popular Electronics* from the early Sixties. If I can find it I'll cite the article. I still have the radio and it still works fb.

--73--

--Jeff Duntemann KG7JF
Scottsdale AZ

End of GLOWBUGS Digest 167
